

FEB 07 2005

PATENT APPLICATION

ATTORNEY DOCKET NO. 100201669-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ashton, et al.

Confirmation No.: 5161

Application No.: 10/654,189

Examiner: Wilson, Christian

Filing Date: Sept. 3, 2003

Group Art Unit: 2824

Title: ULTRA-HIGH DENSITY STORAGE DEVICE USING PHASE CHANGE DIODE MEMORY  
CELLS AND METHODS OF FABRICATION THEREOF

Mail Stop Amendment  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY							
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES	
TOTAL CLAIMS		MINUS		= 0	X \$50	\$ 0	
INDEP. CLAIMS		MINUS		= 0	X \$200	\$ 0	
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0	
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0	
OTHER FEES						\$	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0	

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: Feb. 4, 2005

Typed Name: Vaughn W. North

Signature: 

Respectfully submitted,

Ashton, et al.

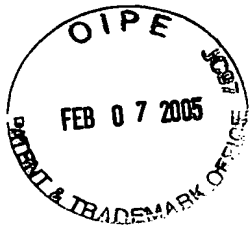
By 

Vaughn W. North

Attorney/Agent for Applicant(s)

Reg. No. 27,930

Date: Feb. 4, 2005



IFW

PATENT APPLICATION  
Attorney Docket No.: 100201669-1

**IN THE UNITED STATES PATENT & TRADEMARK OFFICE**

ART UNIT: 2824  
EXAMINER: Wilson, Christian D.  
APPLICANT: Ashton, et al.  
SERIAL NO.: 10/654,189  
CONFRM. NO.: 5161  
FILED: 09/03/2003  
FOR: ULTRA-HIGH DENSITY STORAGE  
DEVICE USING PHASE CHANGE  
DIODE MEMORY CELLS AND  
METHODS OF FABRICATION  
THEREOF

**RESPONSE**

DOCKET NO.: 100201669-1

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

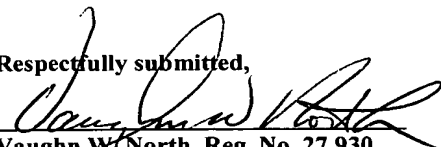
In response to the Office Action, mailed January 7, 2005, Applicant offers the following Response and requests reconsideration of the above-captioned application.

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**CERTIFICATE OF DEPOSIT**

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on February 4, 2005.

Respectfully submitted,

  
Vaughn W. North, Reg. No. 27,930